#### ATTACHMENT A

#### Amendments to the Claims

- (Currently Amended) A propylene copolymer composition comprising:
  - a propylene homopolymer; and A)
  - B) . at least one propylene copolymer containing from 12 to 18% by weight of at least one olefin other than propylene,

where the propylene homopolymer A and the propylene copolymer B are present as separate phases, the weight ratio of propylene homopolymer A to the propylene copolymer B is from 80:20 to 60:40 and the propylene copolymer composition has a haze value of ≤ 30%, based on a path length of the propylene copolymer composition of 1 mm, and the brittle/tough transition temperature of the propylene copolymer composition is ≤ -15°C, and the propylene copolymer composition is obtained from a polymerization process multiphase comprising metallocene compound, wherein the metallocene compound is used in each polymerization phase and the metallocene compound is of formula (VIII):

X

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$$R^{5}$$
 $R^{5}$ 
 $R^{5}$ 

M is zirconium, hafnium or titanium;

are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO<sub>2</sub>CF<sub>3</sub>, -OCOR, -SR, -NR<sub>2</sub> or -PR<sub>2</sub> group, where R is linear or branched C1-C20-alkyl, C3-C20-cycloalkyl which may be substituted by one or more  $C_1-C_{10}-alkyl$ radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or  $C_7 - C_{20}$ arylalkyl and optionally comprise at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where the two radicals X are optionally joined to one another and form a C4-C40-dienyl ligand, or an -OR'Owhich R' is a divalent group group in selected from the group consisting of C1-C40. .

+3024782796

- alkylidene,  $C_6$ - $C_{40}$ -arylidene,  $C_7$ - $C_{40}$ -alkylarylidene and  $C_7$ - $C_{40}$ -arylalkylidene;
- L is a divalent bridging group selected from the group consisting of C<sub>1</sub>-C<sub>20</sub>-alkylidene radicals, C<sub>3</sub>-C<sub>20</sub>-cycloalkylidene radicals, C<sub>6</sub>-C<sub>20</sub>-arylidene radicals, C<sub>7</sub>-C<sub>20</sub>-alkylarylidene radicals and C<sub>7</sub>-C<sub>20</sub>-arylalkylidene radicals, which may contain heteroatoms of groups 13-17 of the Periodic Table of the Elements, or a silylidene group having up to 5 silicon atoms;
- $R^1$  is preferably unbranched in the  $\alpha$  position and is a linear or branched  $C_1$ - $C_{10}$ -alkyl group;
- $R^2$  is a group of the formula  $-C(R^3)_2R^4$ ;
- are identical or different and are each, independently of one another, linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by one or more C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals R<sup>3</sup> may be joined to form a saturated or unsaturated C<sub>3</sub>-C<sub>20</sub>-ring;
- R<sup>4</sup> is hydrogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by one or more C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>2</sub>-

C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by at least one C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R<sup>6</sup> is an aryl group of formula (VII):

$$R^7$$
 $R^7$ 
 $R^8$ 
 $R^7$ 
(VII)

are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched  $C_1$ - $C_{20}$ -alkyl,  $C_3$ - $C_{20}$ -cycloalkyl optionally substituted by at least one  $C_1$ - $C_{10}$ -alkyl radicals,  $C_6$ - $C_{20}$ -aryl,  $C_7$ - $C_{20}$ -alkylaryl or  $C_7$ - $C_{20}$ -arylalkyl and optionally comprises at least one heteroatom of groups

- 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals  $\mathbb{R}^7$  are optionally joined to form a saturated or unsaturated  $C_3$ - $C_{20}$  ring; and
- is hydrogen or halogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl which is optionally substituted by at least one C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

### 2. (Cancelled)

- 3. (Previously Presented) The propylene copolymer composition as claimed in claim 1, wherein the propylene homopolymer A has an isotactic structure.
- 4. (Previously Presented) The propylene copolymer composition as claimed in claim 1, wherein the olefin other than propylene in the propylene copolymer B) is ethylene.
- 5. (Previously Presented) The propylene copolymer composition as claimed in claim 1, wherein the value for

stress whitening, determined by the dome method at 23°C, is from 0 to 8 mm.

#### 6. (Cancelled)

(Previously Presented) The propylene copolymer 7. composition as claimed in claim 1, wherein the copolymer B is dispersed in finely divided form in the matrix A.

#### 8. (Cancelled)

- (Previously Presented) The propylene copolymer 9. composition as claimed in claim 1, comprising from 0.1 to 1% by weight, based on the total weight of the propylene copolymer composition, of a nucleating agent.
- (Previously Presented) The propylene copolymer 10. composition as claimed in claim 1, wherein a glass transition temperature of the propylene copolymer B determined by means of DMTA (dynamic mechanical thermal analysis) is in the range from -20°C to -40°C.
- 11. (Previously Presented) The propylene copolymer composition as claimed in claim 1, wherein a ratio of the

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shear viscosity of propylene copolymer B to that of propylene homopolymer A at a shear rate of 100  $\rm s^{-1}$  is in the range from 0.3 to 2.5.

- 12. (Previously Presented) The propylene copolymer composition as claimed in claim 1, wherein a molar mass distribution  $M_w/M_n$  is in the range from 1.5 to 3.5.
- 13. (Currently Amended) A process for preparing a propylene copolymer composition comprising:
  - A) a propylene homopolymer; and
  - B) at least one propylene copolymer containing from 12 to 18% by weight of at least one olefin other than propylene,

where the propylene homopolymer A and the propylene copolymer B are present as separate phases, the weight ratio of propylene homopolymer A to the propylene copolymer B is from 80:20 to 60:40 and the propylene copolymer composition has a haze value of  $\leq 30\%$ , based on a path length of the propylene copolymer composition of 1 mm, and the brittle/tough transition temperature of the propylene copolymer composition is  $\leq -15^{\circ}\text{C}$ ;

the process comprising polymerizing monomers in a multistage polymerization with a catalyst system based on metallocene compounds and the metallocene compound is of formula (VIII):

$$R^{1}$$
 $R^{5}$ 
 $R^{5}$ 

## M is zirconium, hafnium or titanium;

are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO<sub>2</sub>CF<sub>3</sub>, -OCOR, -SR, -NR<sub>2</sub> or -PR<sub>2</sub> group, where R is linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl which may be substituted by one or more C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprise at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where

the two radicals X are optionally joined to one another and form a C4-C40-dienyl ligand, or an -OR'Ogroup in which R' is a divalent group selected from the group consisting of  $C_1$ - $C_{40}$ alkylidene, C6-C40-arylidene, C7-C40-alkylarylidene and C7-C40-arylalkylidene;

- is a divalent bridging group selected from the group consisting of C1-C20-alkylidene radicals, C3-C20cycloalkylidene radicals, C6-C20-arylidene radicals, C<sub>7</sub>-C<sub>20</sub>-alkylarylidene radicals and C<sub>7</sub>-C<sub>20</sub>-arylalkylidene radicals, which may contain heteroatoms of groups 13-17 of the Periodic Table of the Elements, or a silvlidene group having up to 5 silicon atoms;
- R1 is preferably unbranched in the  $\alpha$  position and is a linear or branched C1-C10-alkyl group;
- R² is a group of the formula  $-C(R^3)_2R^4$ ;
- $\mathbb{R}^3$ are identical or different and are each, independently of one another, linear or branched C1-C20-alkyl, C3-C20cycloalkyl optionally substituted by one or more C1-C10-alkyl radicals, C6-C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or

unsaturated bonds, or two radicals  $\mathbb{R}^3$  may be joined to form a saturated or unsaturated  $\mathbb{C}_3$ - $\mathbb{C}_{20}$ -ring;

- is hydrogen or linear or branched  $C_1-C_{20}-alkyl$ ,  $C_3-C_{20}-cycloalkyl$  optionally substituted by one or more  $C_1-C_{10}-alkyl$  radicals,  $C_6-C_{20}-aryl$ ,  $C_7-C_{20}-alkyl$  and  $C_7-C_{20}-alkyl$  and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;
- are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by at least one C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

# R<sup>6</sup> is an aryl group of formula (VII):

$$R^7$$
 $R^7$ 
 $R^8$ 
 $R^7$ 
 $R^7$ 

- R7 are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched  $C_1-C_{20}$ -alkyl,  $C_3-C_{20}$ -cycloalkyl optionally substituted by at least one  $C_1$ - $C_{10}$ -alkyl radicals,  $C_6$ - $C_{20}$ -aryl,  $C_7$ - $C_{20}$ -alkylaryl or  $C_7$ - $C_{20}$ -arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals R7 are optionally joined to form a saturated or unsaturated C<sub>3</sub>-C<sub>20</sub> ring; and
- $R^8$ is hydrogen or halogen or linear or branched C1-C20alkyl, C3-C20-cycloalkyl which is optionally substituted by at least one C1-C10-alkyl radicals, C6- $C_{20}$ -aryl,  $C_7$ - $C_{20}$ -alkylaryl or  $C_7$ - $C_{20}$ -arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.
- 14. (Currently Amended) A process comprising producing a fiber, film or molding from a propylene copolymer composition, the process comprising extruding or injectionmolding the propylene copolymer composition, the propylene copolymer composition comprising
  - a propylene homopolymer; and A)

B) at least one propylene copolymer containing from 12 to 18% by weight of at least one olefin other than propylene,

where the propylene homopolymer A and the propylene copolymer B are present as separate phases, the weight ratio of propylene homopolymer A to the propylene copolymer B is from 80:20 to 60:40 and the propylene copolymer composition has a haze value of ≤ 30%, based on a path length of the propylene copolymer composition of 1 mm, and the brittle/tough transition temperature of the propylene copolymer composition is ≤ -15°C, and the propylene copolymer composition is obtained from a polymerization process comprising а multiphase metallocene compound, wherein the metallocene compound is used in each polymerization phase and the metallocene compound is of formula (VIII):

$$R^{5}$$
 $R^{5}$ 
 $R^{5$ 

- M is zirconium, hafnium or titanium;
- are identical or different and are each, independently X of one another, hydrogen or halogen or an -R, -OR, -OSO<sub>2</sub>CF<sub>3</sub>, -OCOR, -SR, -NR<sub>2</sub> or -PR<sub>2</sub> group, where R is linear or branched C1-C20-alkyl, C3-C20-cycloalkyl which may be substituted by one or more C<sub>1</sub>-C<sub>10</sub>-alkyl radicals,  $C_6-C_{20}$ -aryl,  $C_7-C_{20}$ -alkylaryl or  $C_7-C_{20}$ arylalkyl and optionally comprise at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where the two radicals X are optionally joined to one another and form a C4-C40-dienyl ligand, or an -OR'Ogroup in which R' is a divalent group selected from the group consisting of C1-C40alkylidene, C6-C40-arylidene, C7-C40-alkylarylidene and C<sub>7</sub>-C<sub>40</sub>-arylalkylidene;
- is a divalent bridging group selected from the group consisting of C<sub>1</sub>-C<sub>20</sub>-alkylidene radicals, C<sub>3</sub>-C<sub>20</sub>cycloalkylidene radicals, C6-C20-arylidene radicals, C7-C20-alkylarylidene radicals and C7-C20-arylalkylidene radicals, which may contain heteroatoms of groups 13-

- 17 of the Periodic Table of the Elements, or a silylidene group having up to 5 silicon atoms;
- $R^1$ is preferably unbranched in the  $\alpha$  position and is <u>a</u> linear or branched C<sub>1</sub>-C<sub>10</sub>-alkyl group;
- $\mathbb{R}^2$ is a group of the formula  $-C(R^3)_2R^4$ ;
- $R^3$ are identical or different and are each, independently of one another, linear or branched C1-C20-alkyl, C3-C20cycloalkyl optionally substituted by one or more C1-C10-alkyl radicals, C6-C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals R3 may be joined to form a saturated or unsaturated C3-C20-ring;
- $R^4$ is hydrogen or linear or branched C1-C20-alkyl, C3-C20cycloalkyl optionally substituted by one or more  $C_1$ - $C_{10}$ -alkyl radicals,  $C_6$ - $C_{20}$ -aryl,  $C_7$ - $C_{20}$ -alkylaryl or  $C_7$ -C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;
- are identical or different and are each, independently  $R^5$ of one another, hydrogen or halogen or linear or branched C1-C20-alkyl, C3-C20-cycloalkyl optionally

substituted by at least one C1-C10-alkyl radicals, C6- $C_{20}$ -aryl,  $C_7$ - $C_{20}$ -alkylaryl or  $C_7$ - $C_{20}$ -arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R<sup>6</sup> is an aryl group of formula (VII):

$$R^7$$
 $R^7$ 
 $R^8$ 
(VII)

R7 are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C1-C20-alkyl, C3-C20-cycloalkyl optionally substituted by at least one  $C_1-C_{10}$ -alkyl radicals,  $C_6$ -C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals R7 are optionally joined to form a saturated or unsaturated C3-C20 ring; and

is hydrogen or halogen or linear or branched C1-C20- $R^8$ alkyl, C3-C20-cycloalkyl which is optionally substituted by at least one C1-C10-alkyl radicals, C6-

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C<sub>20</sub>-aryl, C<sub>7</sub>-C<sub>20</sub>-alkylaryl or C<sub>7</sub>-C<sub>20</sub>-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

- 15. (Currently Amended) A fiber, film or molding comprising a propylene copolymer composition comprising:
- A) a propylene homopolymer; and
- B) at least one propylene copolymer containing from 12 to 18% by weight of at least one olefin other than propylene, where the propylene homopolymer A and the propylene copolymer B are present as separate phases, the weight ratio of propylene homopolymer A to the propylene copolymer B is from 80:20 to 60:40 and the propylene copolymer composition has a haze value of ≤ 30%, based on a path length of the propylene copolymer composition of 1 mm, and the brittle/tough transition temperature of the propylene copolymer composition is ≤ -15°C, and the propylene copolymer composition is obtained from a multiphase polymerization process comprising a metallocene compound, metallocene compound is used in each the polymerization phase and the metallocene compound is of formula (VIII):

$$R^{5}$$
 $R^{5}$ 
 $R^{5}$ 

## M is zirconium, hafnium or titanium;

are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO<sub>2</sub>CF<sub>3</sub>, -OCOR, -SR, -NR<sub>2</sub> or -PR<sub>2</sub> group, where R is linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl which may be substituted by one or more  $C_1-C_{10}$ -alkyl radicals,  $C_6-C_{20}$ -aryl,  $C_7-C_{20}$ -alkylaryl or  $C_7 - C_{20}$ arylalkyl and optionally comprise at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where the two radicals X are optionally joined to one another and form a C4-C40-dienyl ligand, or an -OR'Odivalent in which R' is а group group consisting of C1-C40selected from the group

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- alkylidene, C6-C40-arylidene, C7-C40-alkylarylidene and C7-C40-arylalkylidene;
- is a divalent bridging group selected from the group consisting of C<sub>1</sub>-C<sub>20</sub>-alkylidene radicals, C<sub>3</sub>-C<sub>20</sub>cycloalkylidene radicals, C6-C20-arylidene radicals, C7-C20-alkylarylidene radicals and C7-C20-arylalkylidene radicals, which may contain heteroatoms of groups 13-17 of the Periodic Table of the Elements, or a silylidene group having up to 5 silicon atoms;
- R¹ is preferably unbranched in the  $\alpha$  position and is a linear or branched C1-C10-alkyl group;
- R2 is a group of the formula  $-C(R^3)_2R^4$ ;
- $\mathbb{R}^3$ are identical or different and are each, independently of one another, linear or branched C1-C20-alkyl, C3-C20cycloalkyl optionally substituted by one or more C1-C10-alkyl radicals, C6-C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of Elements or one or more the unsaturated bonds, or two radicals R3 may be joined to form a saturated or unsaturated C3-C20-ring;
- R⁴ is hydrogen or linear or branched C1-C20-alkyl, C3-C20cycloalkyl optionally substituted by one or more C1-C10-alkyl radicals, C6-C20-aryl, C7-C20-alkylaryl or C7-

C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R<sup>5</sup> are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by at least one C1-C10-alkyl radicals, C6-C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R<sup>6</sup> is an aryl group of formula (VII):

$$R^7$$
 $R^7$ 
 $R^8$ 
 $R^7$ 
 $R^7$ 

are identical or different and are each, independently R۶ of one another, hydrogen or halogen or linear or branched C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>3</sub>-C<sub>20</sub>-cycloalkyl optionally substituted by at least one  $C_1$ - $C_{10}$ -alkyl radicals,  $C_{6}$ -C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups

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13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, or two radicals R7 are optionally joined to form a saturated or unsaturated C<sub>3</sub>-C<sub>20</sub> ring; and

- $R^8$ is hydrogen or halogen or linear or branched C1-C20alkyl, C3-C20-cycloalkyl which is optionally substituted by at least one C<sub>1</sub>-C<sub>10</sub>-alkyl radicals, C<sub>6</sub>-C20-aryl, C7-C20-alkylaryl or C7-C20-arylalkyl and optionally comprises at least one heteroatom of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.
- 16. (Cancelled)
- 17. (Cancelled)
- 18. (Cancelled)